

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 04223137
PUBLICATION DATE : 13-08-92

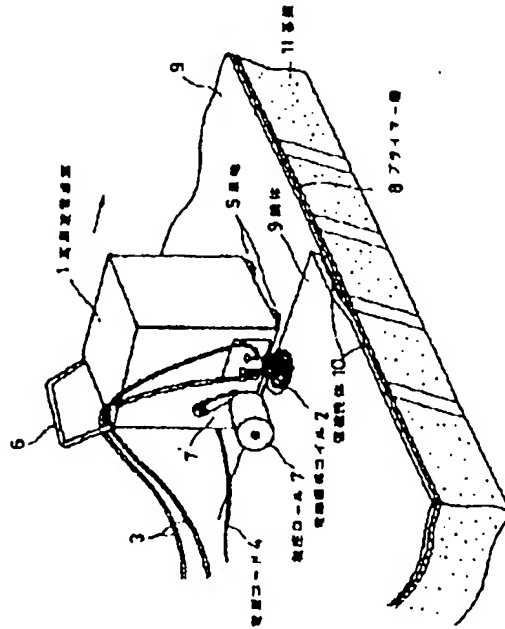
APPLICATION DATE : 26-12-90
APPLICATION NUMBER : 02406682

APPLICANT : DAINIPPON INK & CHEM INC;

INVENTOR : UCHIKAWA TAKESHI;

INT.CL. : B29C 65/36

TITLE : METHOD OF BONDING FILM BODY,
AND BONDING APPARATUS AND
ADHESION MATERIAL THEREOF



ABSTRACT : PURPOSE: To improve workability, operating environments, a safe and hygienic conditions and connecting property by roll-spreading film bodies, and interposing ferromagnetics between surfaces to be bonded at the time of connecting them each other or bonding the film bodies and a substrate, and electromagnetic induction-heating and pressing them while transferring on the upper part of the surfaces to be bonded.

CONSTITUTION: Film bodies are suitable to be an inorganic film, sheet, and a plate molding, in particular, to be a asphalt material or the like, and an electromagnetic induction material is suitable to be a type of allowing a vinylchloride resin paste composite to be included in ferromagnetics 10. In the case of bonding a sheet 9 and a substrate 11, the ferromagnetics 10 and a processed body thereof are roll-spread over partially or wholly therebetween. Furthermore, it is preferable that the surface of the substrate 11 is previously treated by a primer 8 which is employed in an application of a waterproof sheet. Thereafter, by a self-advancing electromagnetic induction bonding apparatus comprising semiconductor-inverter type electromagnetic heating device parts 1-4, running mechanism parts 5, 6, and a pressing mechanism 7, electromagnetic induction-heating and pressing are effected while moving on the surfaces to be bonded, and thereby the surfaces to be bonded are connected or bonded to each other.

COPYRIGHT: (C) JPO